

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088876.D
 Acq On : 9 Jul 2016 17:37
 Operator : UM/SJ
 Sample : H3813-09 25X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-02

Quant Time: Jul 11 04:35:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

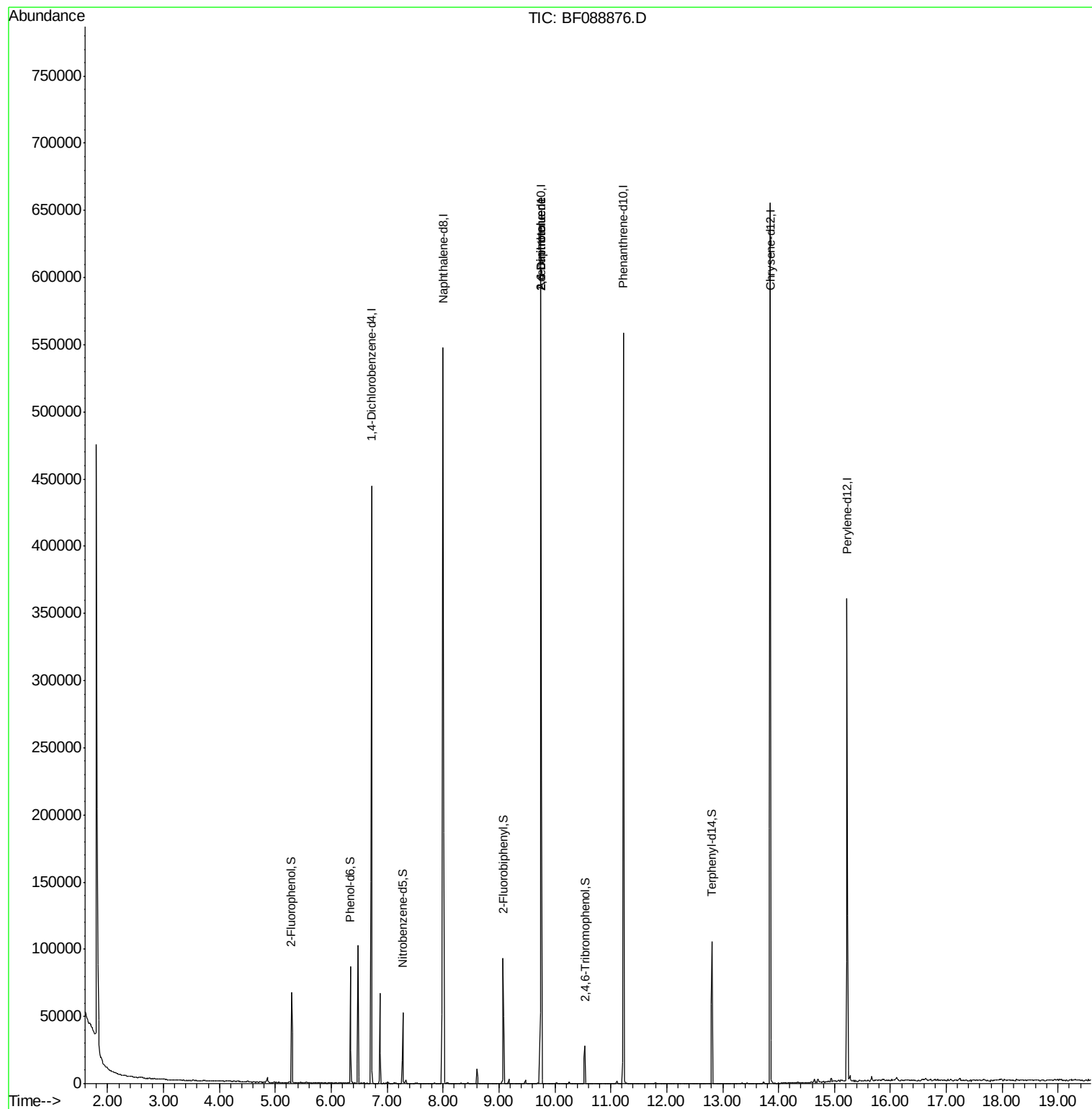
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70432	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	264767	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	131720	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	265648	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	220614	20.00	ng	-0.02
86) Perylene-d12	15.22	264	150981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	22305	4.75	ng	-0.03
7) Phenol-d6	6.34	99	30150	4.97	ng	-0.03
23) Nitrobenzene-d5	7.28	82	18933	3.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	5491	4.49	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	38614	4.63	ng	-0.02
78) Terphenyl-d14	12.81	244	41485	4.19	ng	-0.01
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.75	165	16951	8.15	ng	# 37
56) 2,4-Dinitrotoluene	9.75	165	16951	6.23	ng	# 36

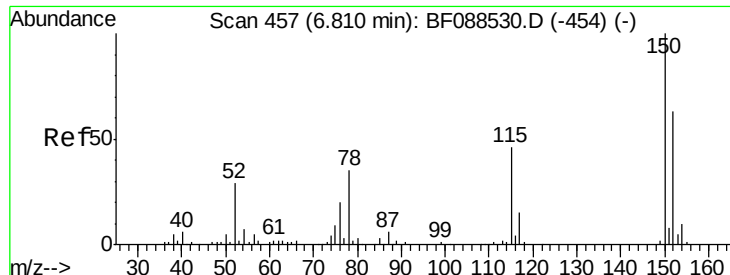
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088876.D

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P001-DS001-02

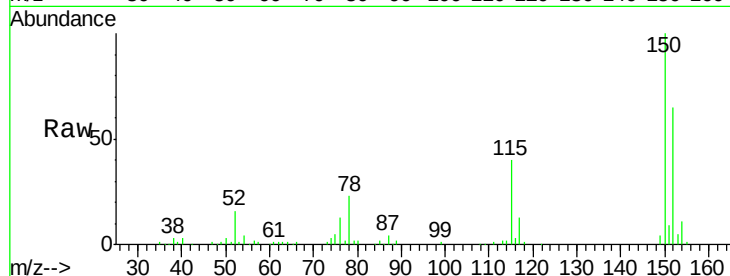
Tgt Ion:152 Resp: 70432

Ion Ratio Lower Upper

152 100

150 154.6 123.8 185.6

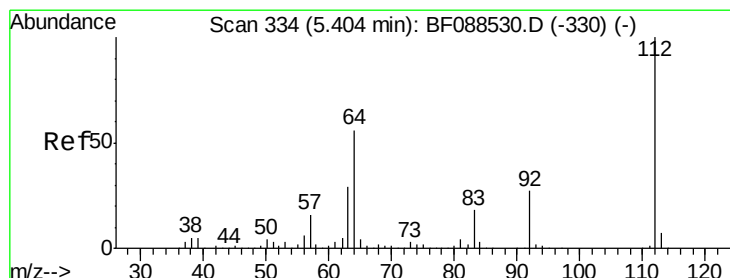
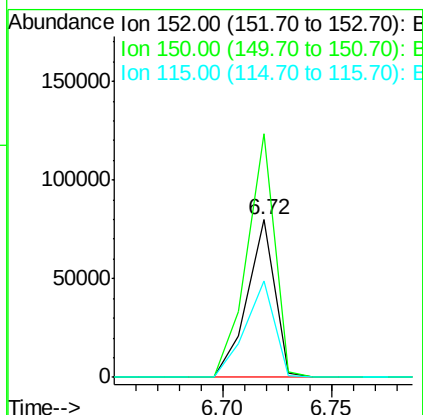
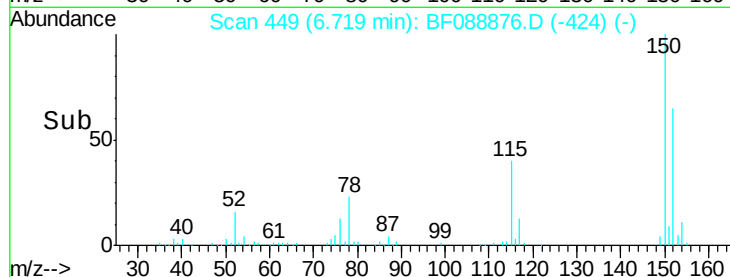
115 61.4 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 4.75 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.03 min

Lab File: BF088876.D

Acq: 9 Jul 2016 17:37

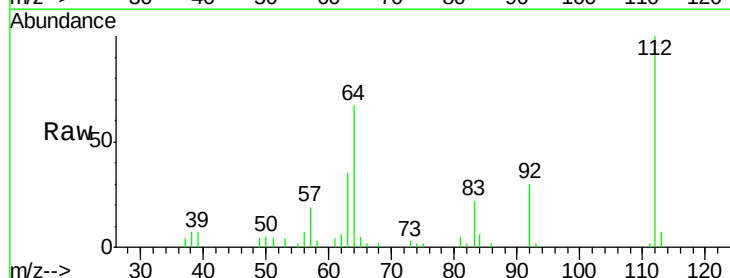
Tgt Ion:112 Resp: 22305

Ion Ratio Lower Upper

112 100

64 66.6 42.2 63.2#

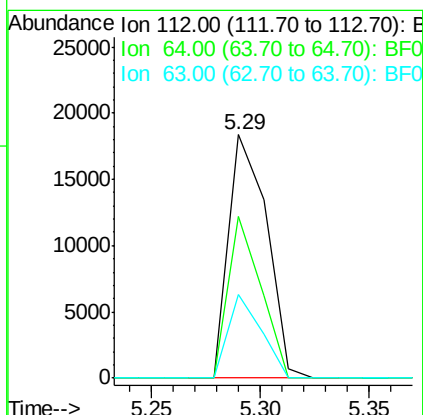
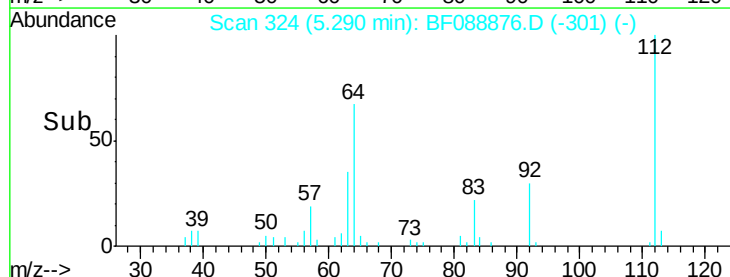
63 34.6 21.8 32.8#

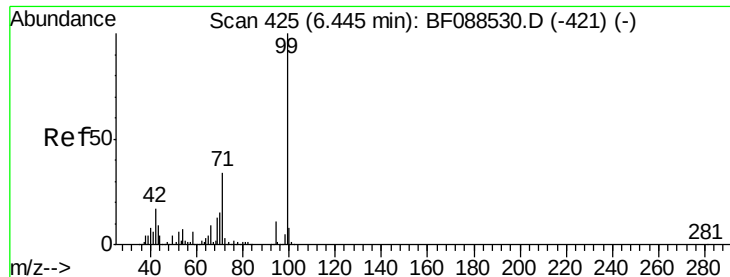


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.97 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088876.D

Acq: 9 Jul 2016 17:37

Instrument :

BNA_F

ClientSampleId :

P001-DS001-02

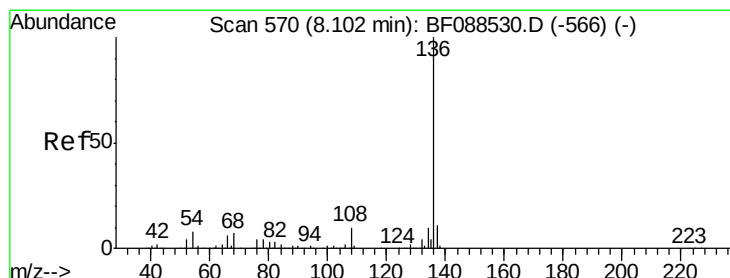
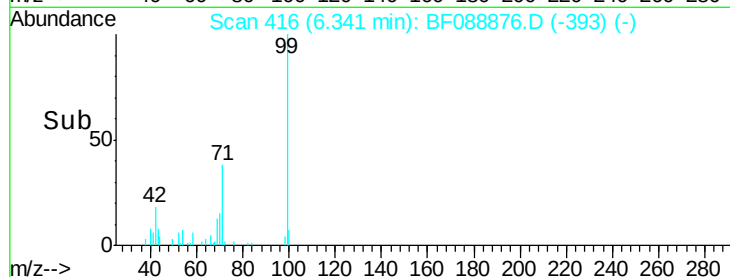
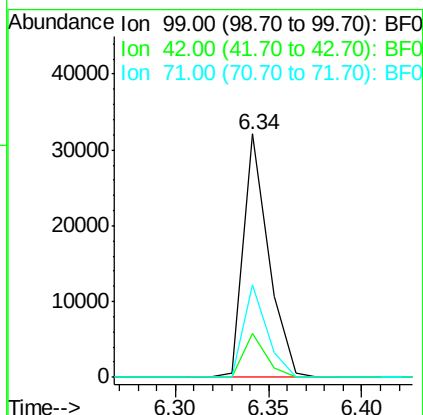
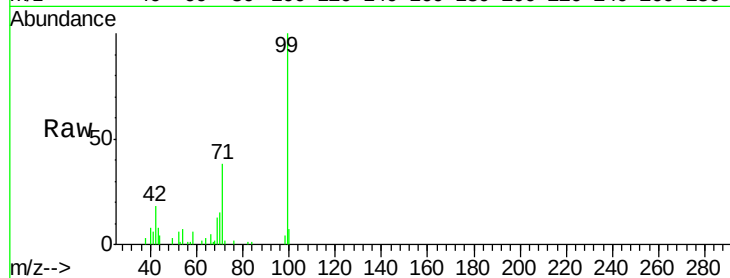
Tgt Ion: 99 Resp: 30150

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 37.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088876.D

Acq: 9 Jul 2016 17:37

Tgt Ion: 136 Resp: 264767

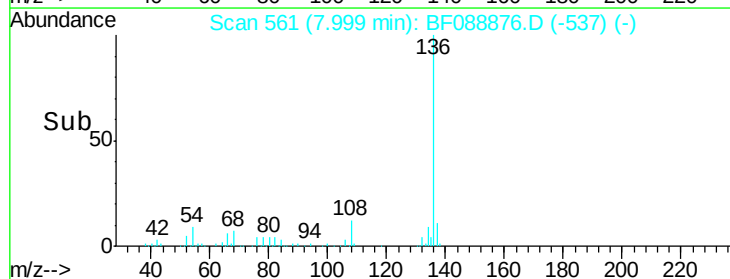
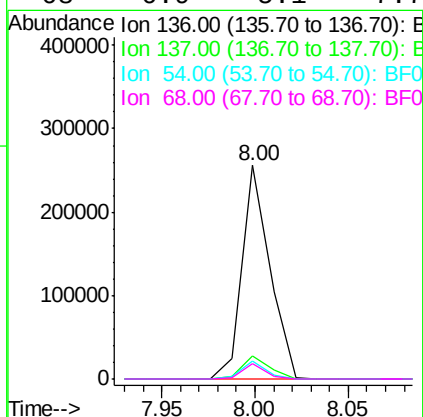
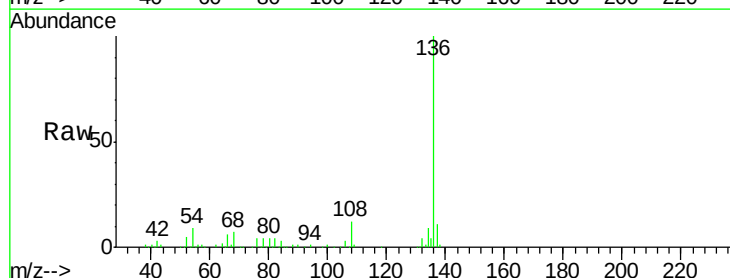
Ion Ratio Lower Upper

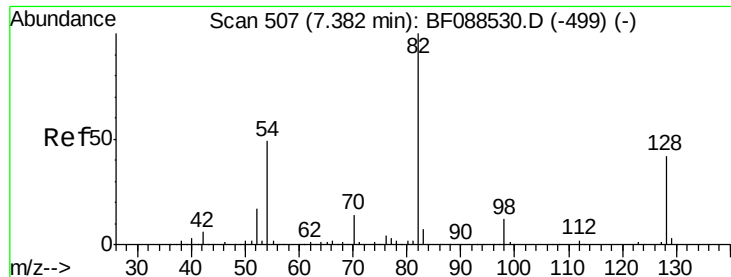
136 100

137 11.0 9.1 13.7

54 8.6 6.6 10.0

68 6.9 5.1 7.7

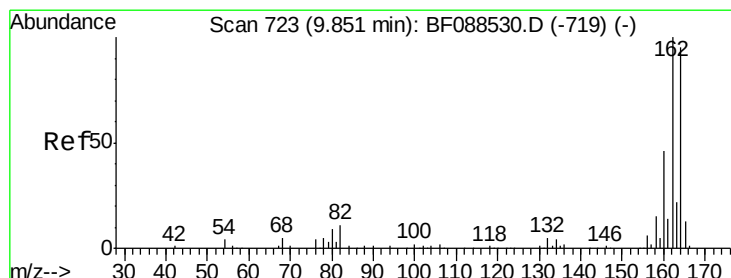
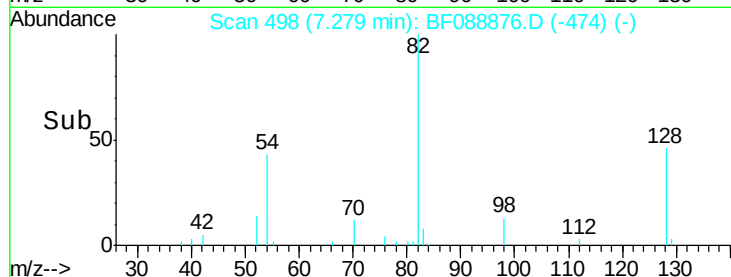
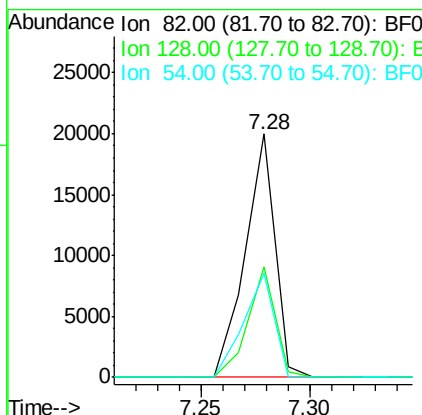
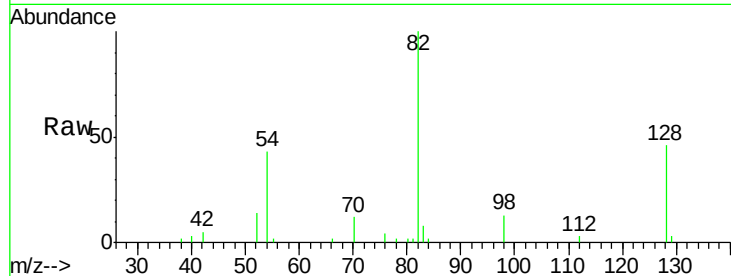




#23
 Nitrobenzene-d5
 Concen: 3.75 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

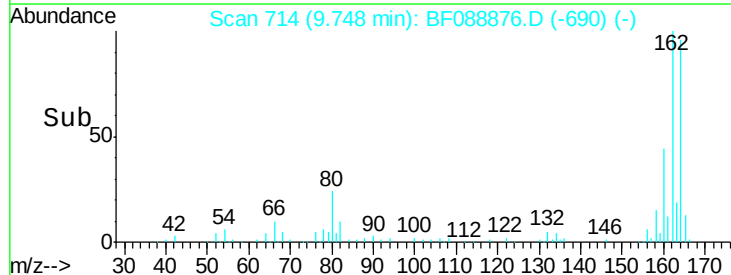
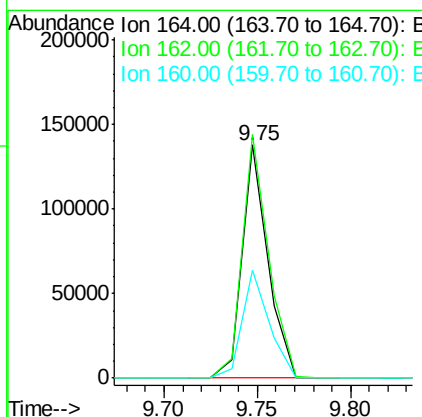
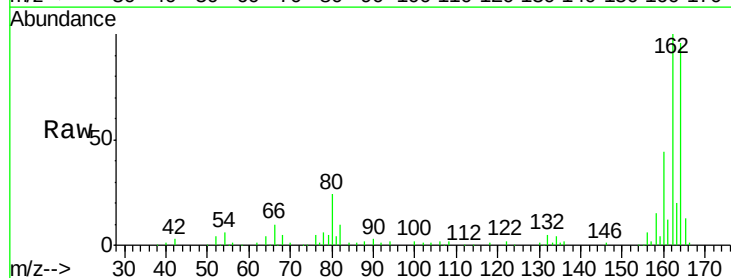
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-02

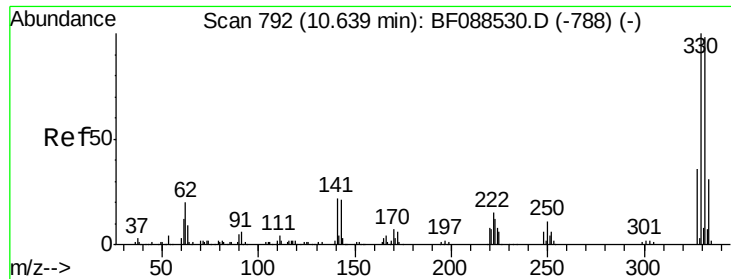
Tgt Ion: 82 Resp: 18933
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.9 53.9
 54 42.7 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

Tgt Ion: 164 Resp: 131720
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.4 128.2
 160 46.4 39.5 59.3

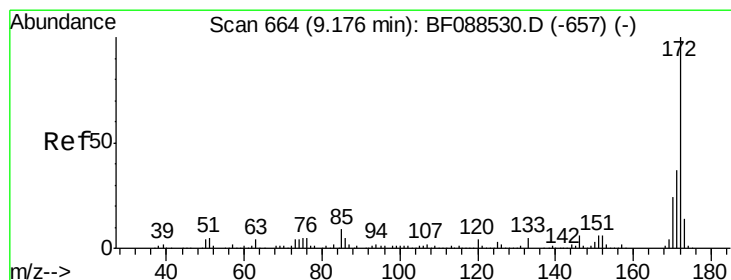
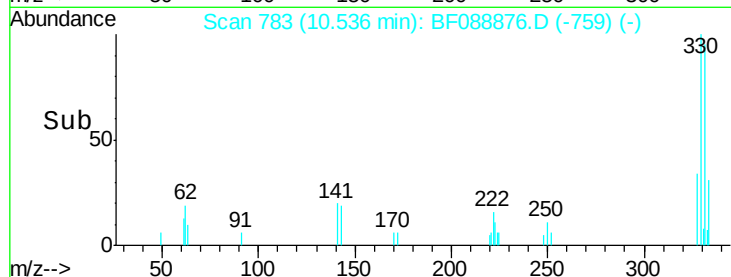
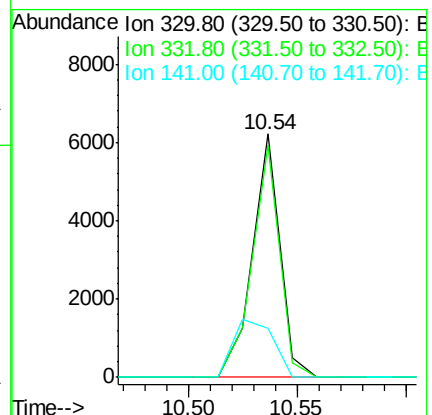
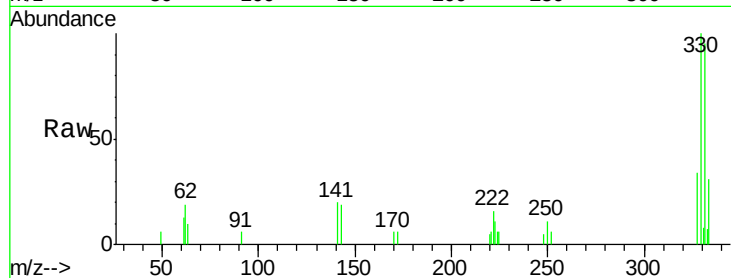




#41
 2,4,6-Tribromophenol
 Concen: 4.49 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

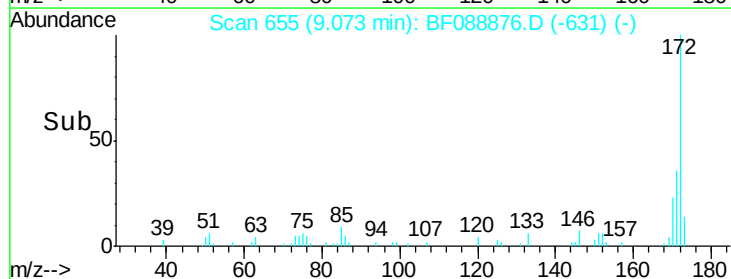
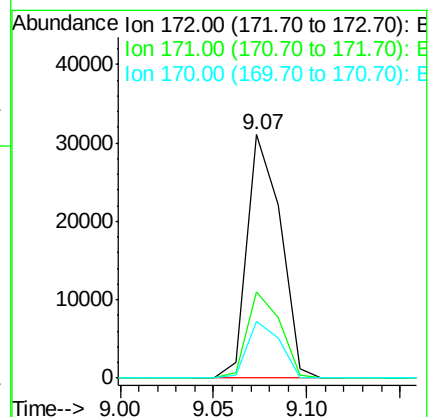
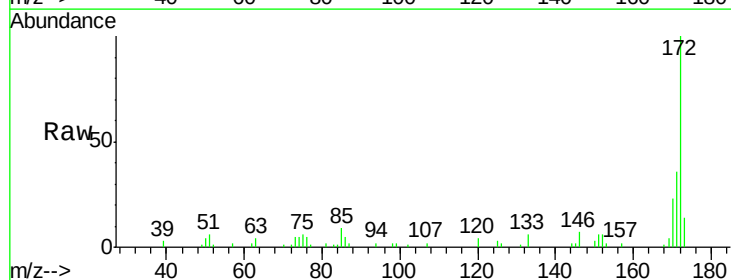
Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-02

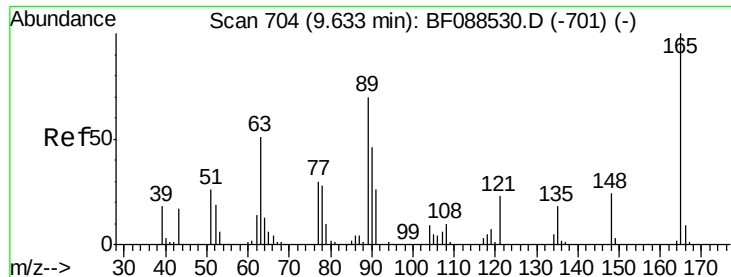
Tgt Ion:330 Resp: 5491
 Ion Ratio Lower Upper
 330 100
 332 94.4 0.0 0.0#
 141 34.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 4.63 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

Tgt Ion:172 Resp: 38614
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.3 19.2 28.8

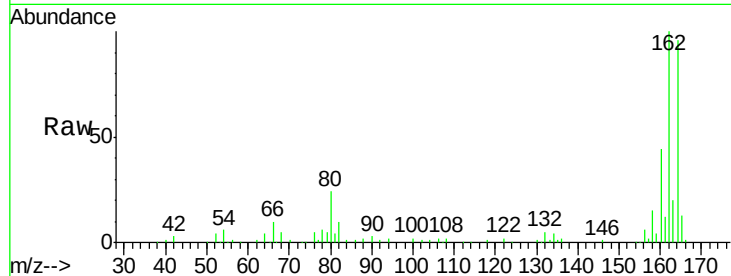




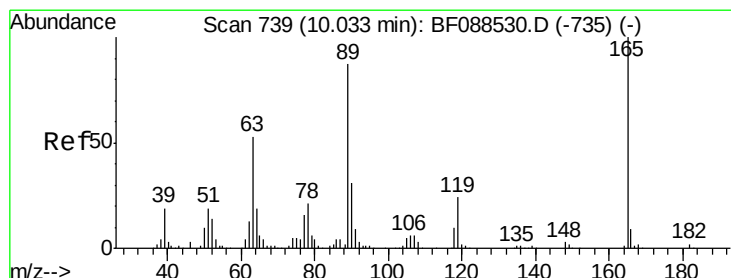
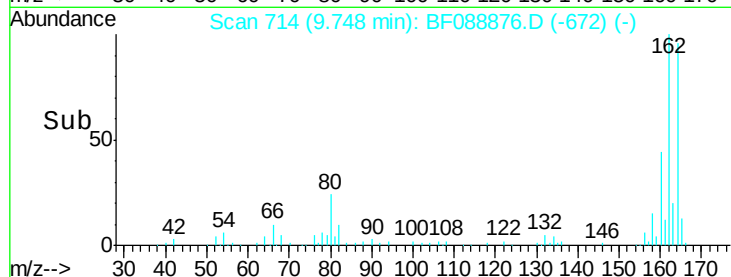
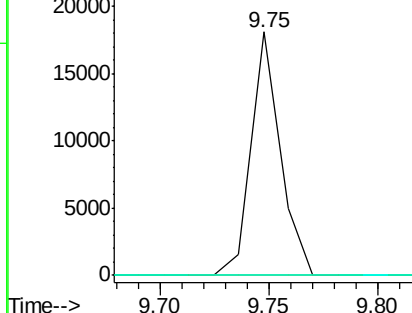
#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.18 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

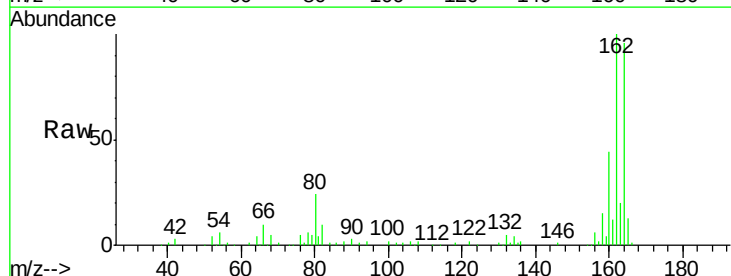


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

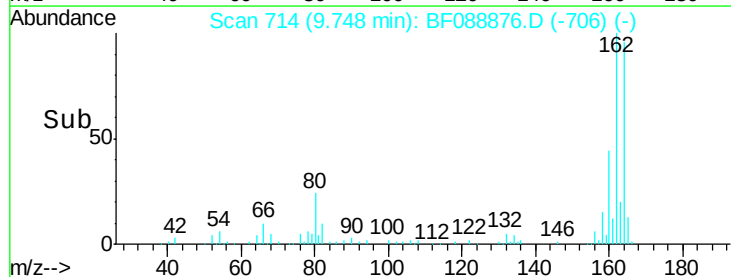
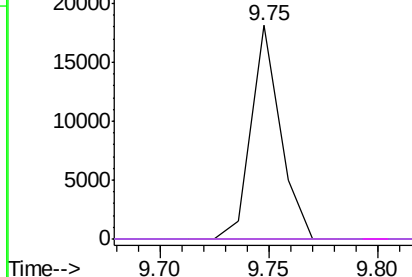


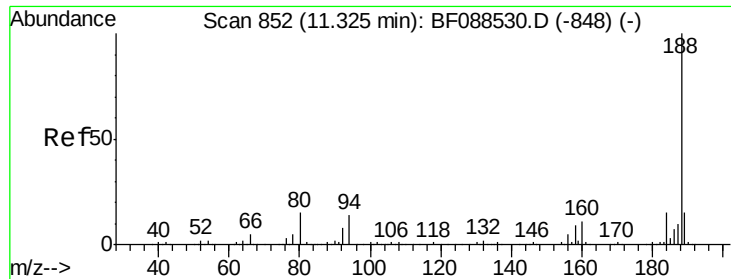
#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.21 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

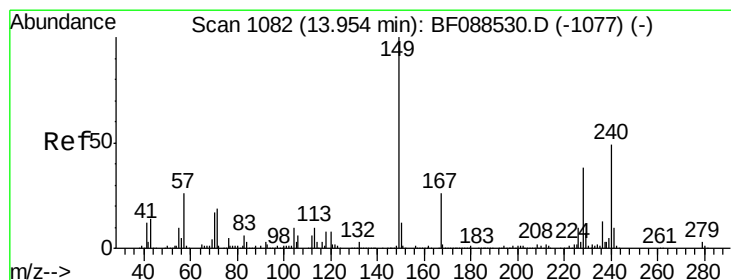
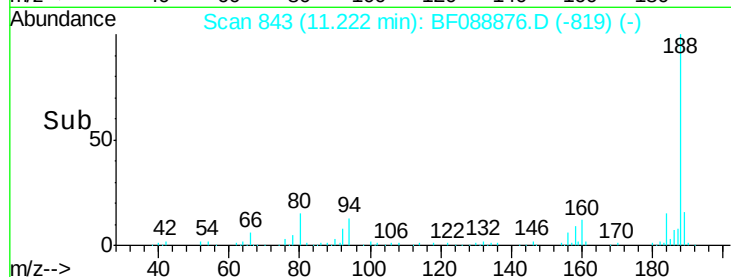
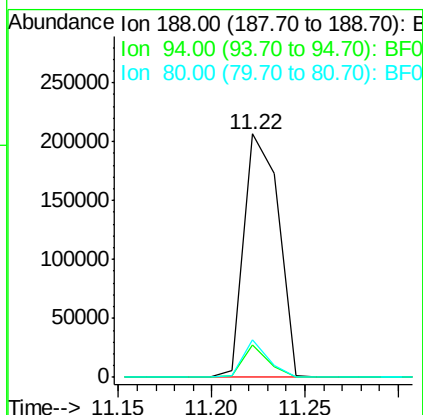
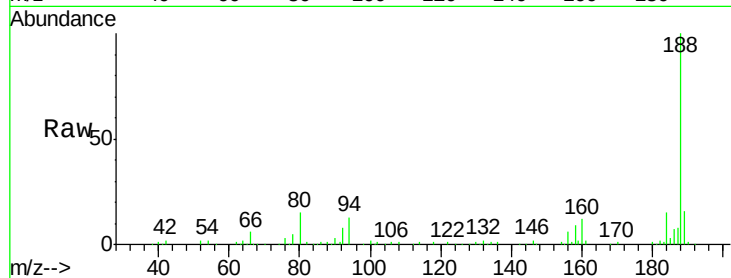




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088876.D
Acq: 9 Jul 2016 17:37

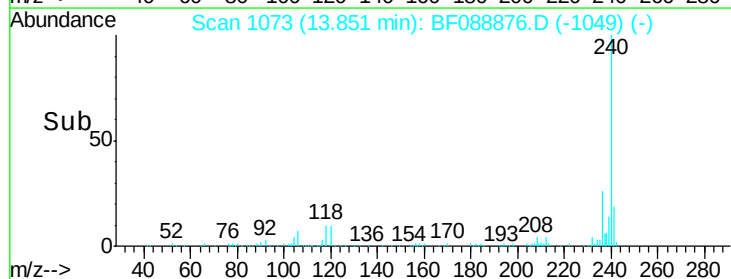
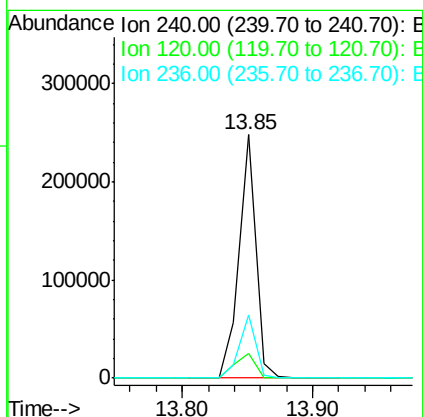
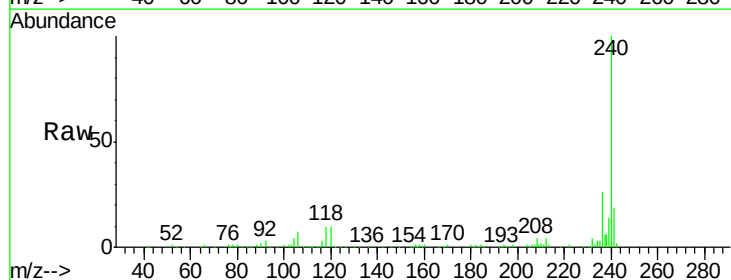
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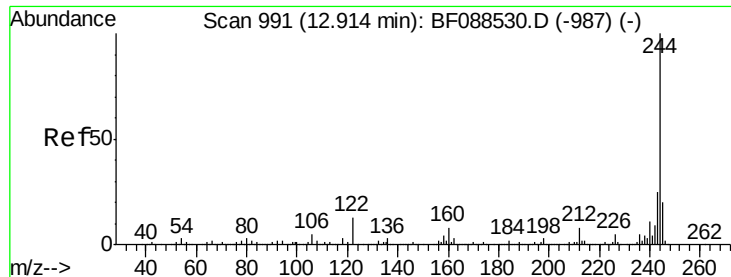
Tgt Ion:188 Resp: 265648
Ion Ratio Lower Upper
188 100
94 13.5 9.0 13.6
80 15.4 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088876.D
Acq: 9 Jul 2016 17:37

Tgt Ion:240 Resp: 220614
Ion Ratio Lower Upper
240 100
120 10.4 6.8 10.2#
236 26.0 20.2 30.2

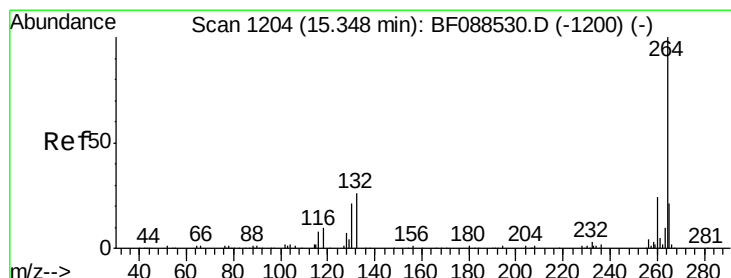
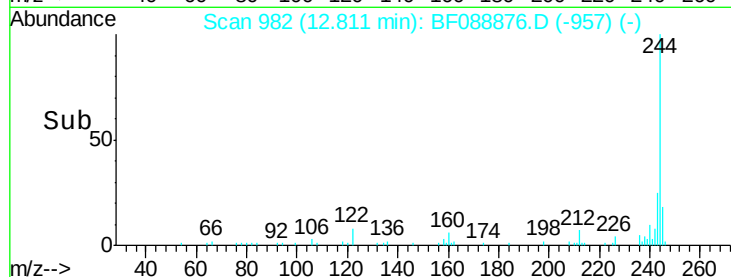
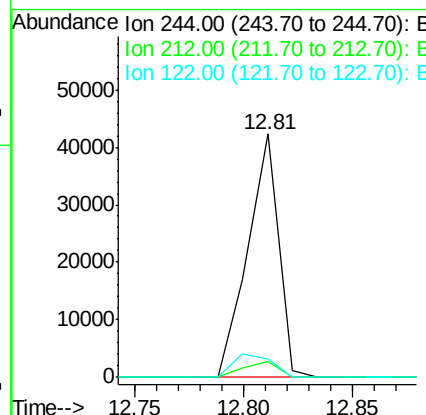
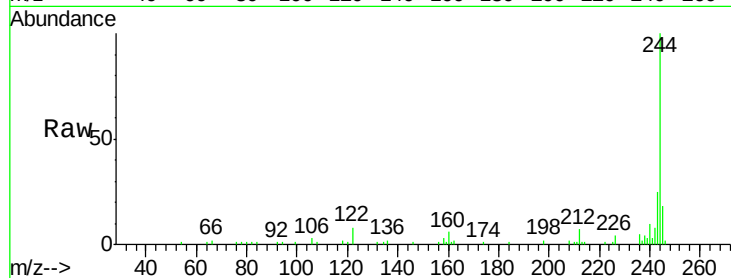




#78
 Terphenyl-d14
 Concen: 4.19 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS001-02

Tgt Ion:244 Resp: 41485
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088876.D
 Acq: 9 Jul 2016 17:37

Tgt Ion:264 Resp: 150981
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 16.9 25.3

